



PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 67006

Title: Neonatal necrotizing enterocolitis caused by umbilical arterial catheter-associated abdominal aortic embolism: A case report

Reviewer's code: 05908908

Position: Peer Reviewer

Academic degree: MD

Professional title: Assistant Professor, Senior Lecturer, Surgeon

Reviewer's Country/Territory: Indonesia

Author's Country/Territory: China

Manuscript submission date: 2021-04-12

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-13 10:00

Reviewer performed review: 2021-04-15 14:44

Review time: 2 Days and 4 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

1. This case report is very interesting and very rare. This highly qualified article describes the complications of using an umbilical arterial catheter for the treatment of an ELBW infant. 2. The author can explain the patient's disease timeline and the treatment performed. The discussion of how thrombosis occurs and the treatment of patients with NEC is very well discussed in this article. 3. In the introduction subtitles, please clarify whether NEC is caused by the use of an umbilical arterial catheter for an infant ELBW or occurs due to umbilical arterial catheter removal. Is abdominal aortic embolism caused by removal of the umbilical arterial catheter? This contrasts with the author's explanation in DISCUSSION, that thrombosis in this patient may be the multiple blood samples collected via the UAC (page 7) 4. In the subtitle "History of present illness", the patient has been placed with an endotracheal intubation in the delivery room, how can the patient be put on nasal continuous positive airway pressure (NCPAP) after being transferred to the NICU. Was the patient's endotracheal tube removed when the patient arrived at the NICU? 5. Can you explain the degree/staging of NEC in the diagnosis based on Bell's criteria? 6. Please explain the rationality of the use of antibiotics (cefoperazone, meropenem, piperacillin, tazobactam, vancomycin), is it an empirical therapy or is it based on the results of blood resistance cultures? 7. Please provide an explanation of figure 1 that the author put in this article. And please remove the patient's identity on the abdominal x-ray. 8. Please clarify whether almost all statements in the discussion do not have a reference list? This relates to evidence-based medicine on the etiology and treatment performed in this patient



PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 67006

Title: Neonatal necrotizing enterocolitis caused by umbilical arterial catheter-associated abdominal aortic embolism: A case report

Reviewer’s code: 03195781

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer’s Country/Territory: China

Author’s Country/Territory: China

Manuscript submission date: 2021-04-12

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-14 12:55

Reviewer performed review: 2021-04-16 07:59

Review time: 1 Day and 19 Hours

Scientific quality	[<input checked="" type="checkbox"/>] Grade A: Excellent [<input type="checkbox"/>] Grade B: Very good [<input type="checkbox"/>] Grade C: Good [<input type="checkbox"/>] Grade D: Fair [<input type="checkbox"/>] Grade E: Do not publish
Language quality	[<input checked="" type="checkbox"/>] Grade A: Priority publishing [<input type="checkbox"/>] Grade B: Minor language polishing [<input type="checkbox"/>] Grade C: A great deal of language polishing [<input type="checkbox"/>] Grade D: Rejection
Conclusion	[<input checked="" type="checkbox"/>] Accept (High priority) [<input type="checkbox"/>] Accept (General priority) [<input type="checkbox"/>] Minor revision [<input type="checkbox"/>] Major revision [<input type="checkbox"/>] Rejection
Re-review	[<input checked="" type="checkbox"/>] Yes [<input type="checkbox"/>] No
Peer-reviewer statements	Peer-Review: [<input checked="" type="checkbox"/>] Anonymous [<input type="checkbox"/>] Onymous Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No



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SPECIFIC COMMENTS TO AUTHORS

This case reports a rare case of necrotizing enterococccitis caused by abdominal aortic embolism in infants with ELBW after umbilical ductus arteriosus resection. The case records in detail the history of the case, family history, imaging, laboratory and surgical examinations, as well as treatment options. This case report is comprehensive and detailed, which provides ideas for the treatment of this kind of disease in the future. Recommendation: 1. In the laboratory inspection section, it is recommended to add a normal range for reference.2.It is recommended that the CASE PRESENTATION section, subheadings align with the paragraph or empty a character.



PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 67006

Title: Neonatal necrotizing enterocolitis caused by umbilical arterial catheter-associated abdominal aortic embolism: A case report

Reviewer's code: 05644467

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: China

Manuscript submission date: 2021-04-12

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-12 09:51

Reviewer performed review: 2021-04-17 10:04

Review time: 5 Days

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input checked="" type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

This is a case of successful treatment of neonatal ischemic necrotizing enteritis. but the article lacks uniqueness.